



Ixxat MultiCAN-PB expansion

Item number: 1.01.0242.22000

The MultiCAN expansion board for the Ixxat CAN-IB series enhances the card's capabilities by providing two additional high-speed CAN channels. Acting as a piggy-back module, it doubles the number of available high-speed CAN channels on a D-Sub 9 connector and reduces slot requirements, making it ideal for expanding CAN networks efficiently.

Piggyback module for CAN interface cards

Features and benefits

- ✓ **Additional CAN channels for PC interfaces**
Doubles the number of high-speed CAN channels on existing D-Sub 9 connectors of the interface card, enhancing network capacity.
- ✓ **Easy installation**
Designed as a piggy-back module for PC interface cards, enabling an efficient setup without extensive system modifications. The Multi CAN expansion can't be used with other expansion boards.
- ✓ **Overvoltage protection**
The interface card's existing galvanic isolation remains, safeguarding against overvoltage and protecting from potential electrical damage.
- ✓ **Space-efficient design**
By halving the number of required CAN slots, the expansion board supports space optimization within the system.
- ✓ **Streamlined network management**
Simplifies network architecture by consolidating multiple channels, enabling straightforward system management.



Identification and Status

Product ID	1.01.0242.22000
Country of Origin	Germany
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

General

Net Width (mm)	47
Net Height (mm)	52
Net Weight (g)	13
Packed Width (mm)	14
Packed Height (mm)	4
Packed Depth (mm)	18
Packed Weight (g)	83
Operating Temperature °C Min	0
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10 to 95 %, non-condensing
Isolation	500 V AC for 1 min. between CAN bus and internal logic
Content of Delivery	Expansion board, user manual
Mounting	PCB mounting



General

Packaging Material	Cardboard
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Warranty (years)	1
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Physical Features

Connectors / Input / Output	6 x box header connector
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CAN Features

CAN Mode	CAN high-speed (ISO 11898-2)
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CAN Transceiver	TI SN65HVD251
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CAN Controller	CAN 2.0 A/B
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CAN Baud Rate	CAN high-speed: 10 kBit/s to 1 Mbit/s
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Certifications and Standards

ETIM Classification	EC001604
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WEEE Category	IT and telecommunications equipment
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